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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 8, 2013

Sid Hullinger
Broken Arrow, Inc.
8960N Highway 40
Lakepoint, Utah 84074

Subject: Reclamation Surety and Updated NOI Required, Broken Arrow Company, Harborlite Perlite Pit, S/045/0044, Tooele County, Utah

Dear Mr. Hullinger:

On March 29, 2013, the Division of Oil, Gas and Mining received from you a request for approval to expand the Harborlite Perlite pit to five acres. The following items are needed for this approval:

1. Updated NOI – Attached are copies of the existing Notice of Intention to Commence Small Mining Operations (NOI) and of a blank NOI form. Please complete and submit a new NOI form, and please include two maps of the site. One of these maps should be at a large scale, such as a USGS topographic map, and show the site location. The second map should be at a scale of about 1"=200' and show locations of any facilities; soil, product, and spoil piles;
2. A cultural resource survey.
3. The reclamation surety is \$27,700 for a five-year escalation for a five-acre site. This was determined based on information in the following table.

**Small Mine Operation Bond
Calculation Worksheet
S/045/0044**

5-year escalation (2017)

Item	Qty	Unit Cost	Total Cost
1st Acre Disturbance	1	\$8,100.00	\$8,100.00
Add'l Acres Disturbance	4	\$4,900.00	\$19,600.00
TOTAL			\$27,700.00

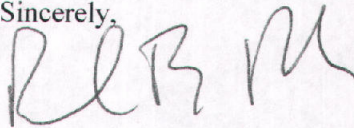
Please submit the reclamation surety and reclamation contract within the next 30 days. No mining related disturbance may be created until the surety is received and approved and you have received written acceptance from this office as well as other applicable agencies.

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The reclamation surety can be submitted in one of several forms, including an irrevocable letter of credit, a certificate of deposit, cash or a surety bond. Please contact Penny Berry at 801-538-5291 or by e mail at pennyberry@utah.gov for assistance in completing this requirement.

Please contact me at 801-538-5261 or Leslie Heppler at 801-538-5257 if you have any questions regarding this letter. In reply please refer to file number S/045/0044.

Sincerely,

A handwritten signature in black ink, appearing to read 'PBB' followed by a stylized flourish.

Paul B. Baker
Minerals Program Manager

PBB: lah: eb

Attachments - Blank Copy of the NOI to be updated & Copy of 1993 NOI

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